

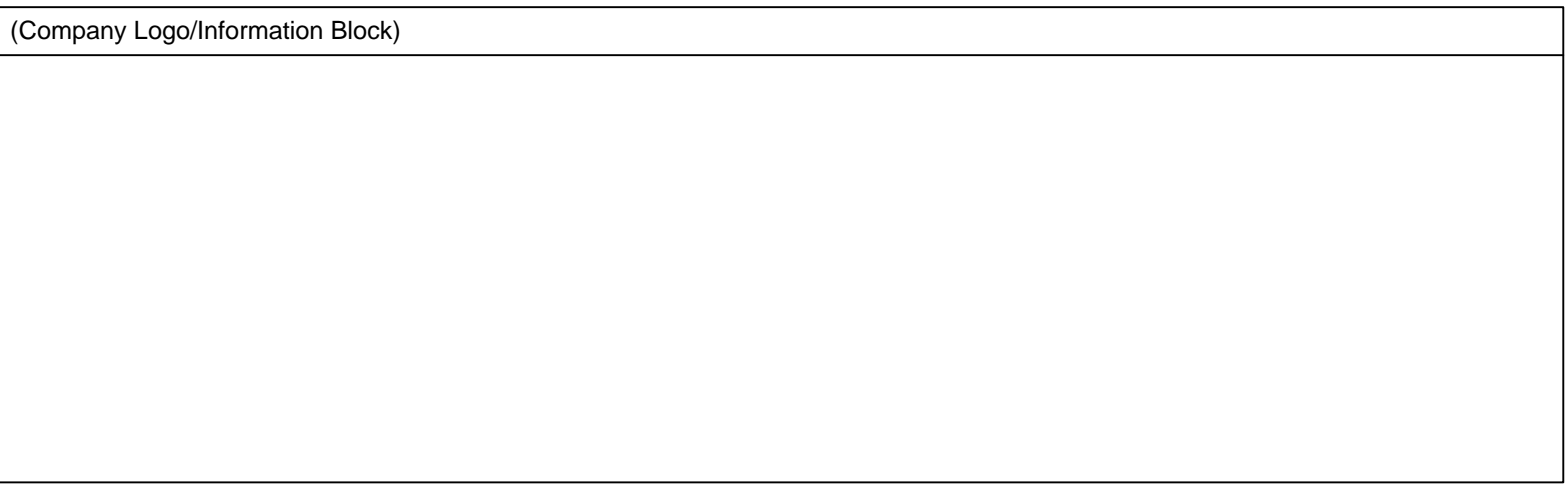
DEPARTMENT OF VETERANS AFFAIRS
SYRACUSE VA MEDICAL CENTER
800 IRVING AVE SYRACUSE, NY 13210

INSTALL EFFICIENT LIGHTING TECHNOLOGIES
PROJECT: 528A7-13-717



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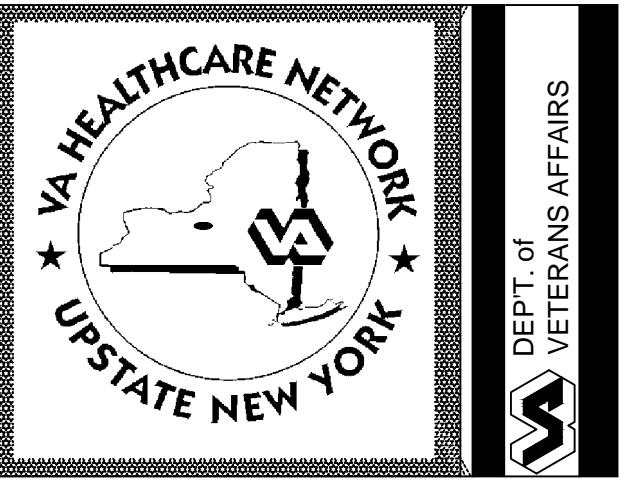
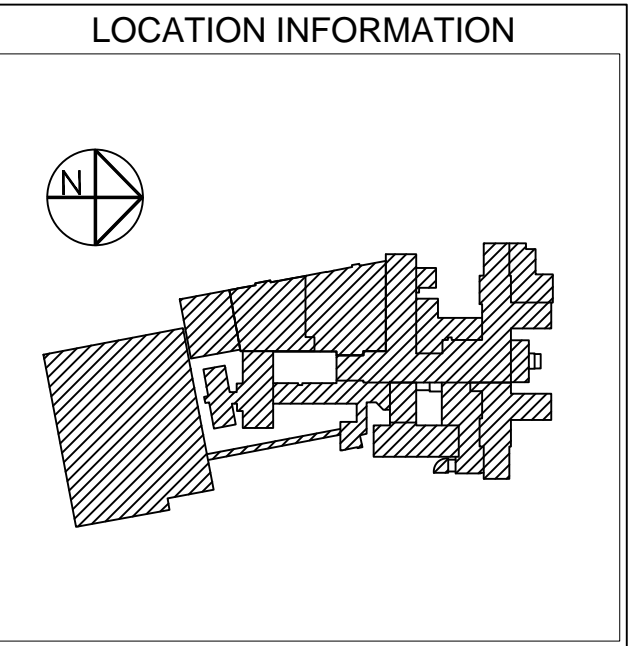
Revisions	Date



Drawing Title	
COVER SHEET	
Approved: Facility Manager	

Project Title		
INSTALL EFFICIENT LIGHTING TECHNOLOGIES		
Building Numbers		
Checked	Drawn	
CHECKED	AWG	
Location		
VAMC SYRACUSE, NEW YORK		

Date
02/19/2013
Project No.
528A7-13-717
DRAWING NO.
G-001
Dwg. 1 Of 11

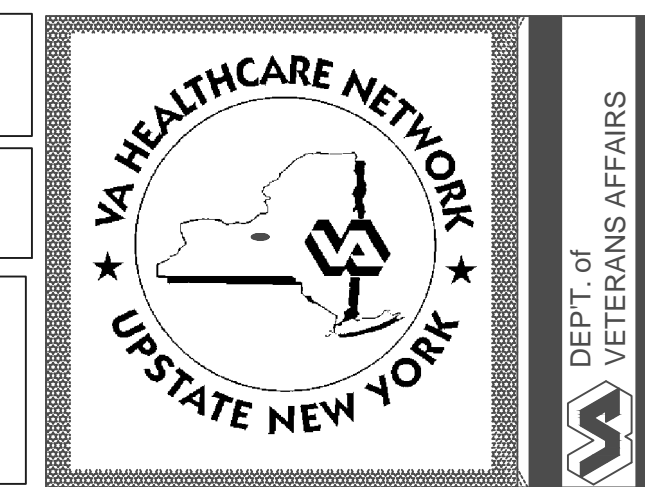
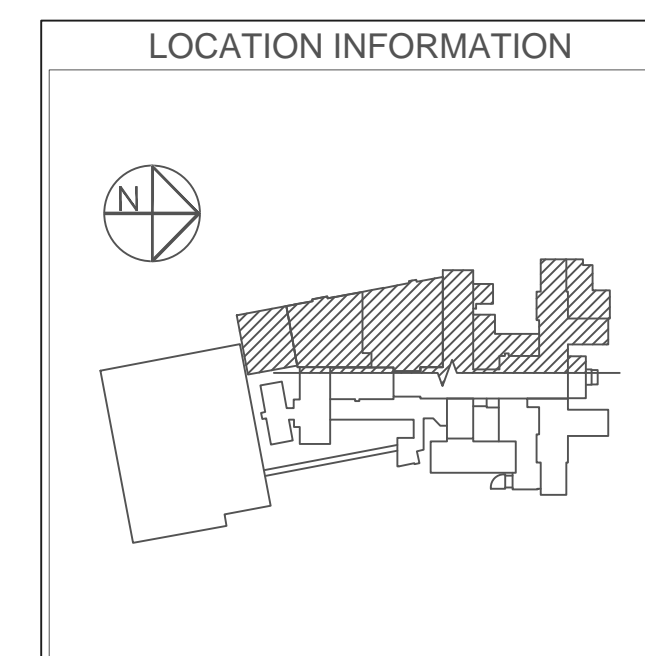


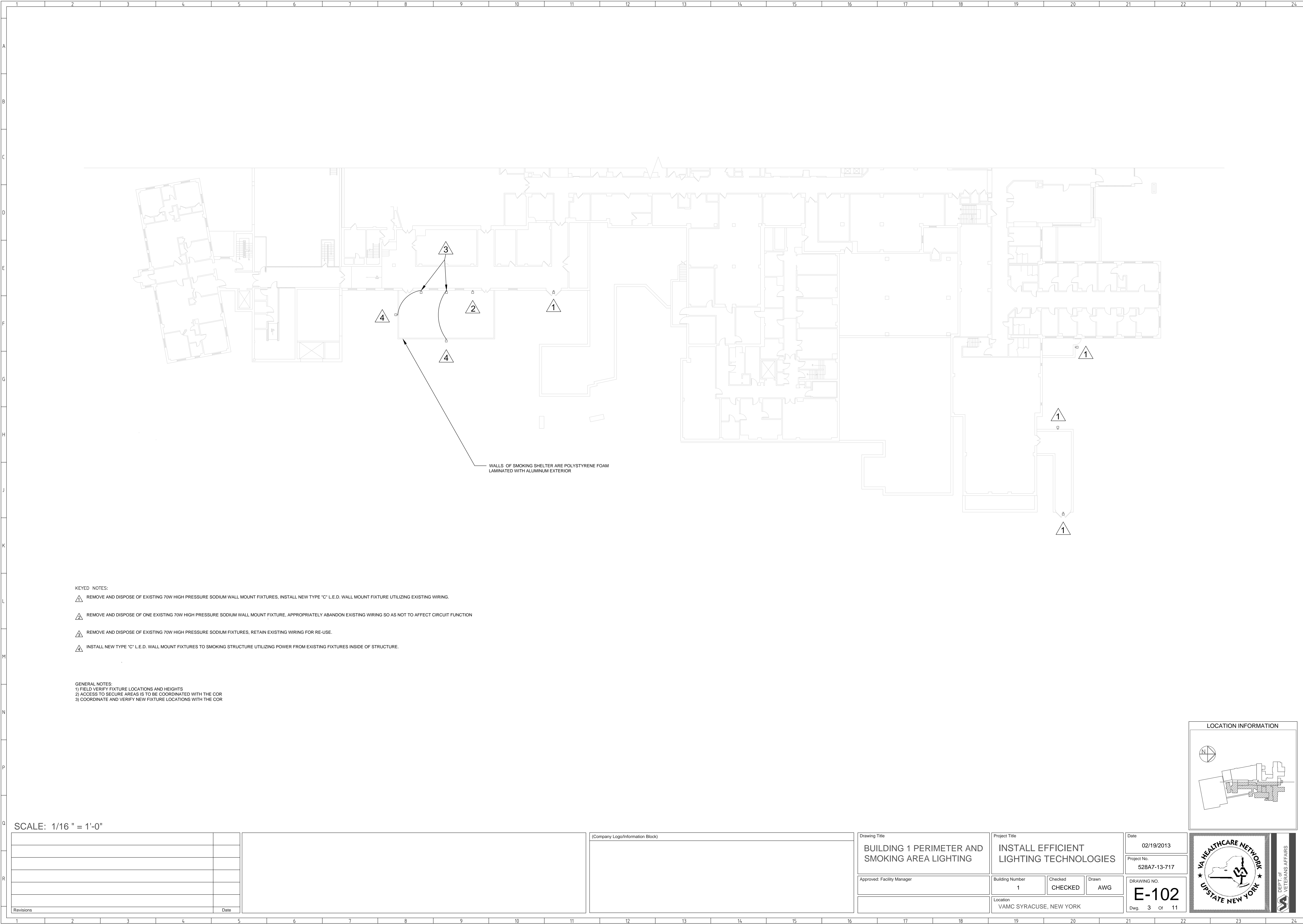
1. REMOVE AND DISPOSE OF EXISTING 150W METAL HALIDE WALL MOUNT FIXTURE, INSTALL NEW TYPE "D" L.E.D. WALL MOUNT FIXTURE UTILIZING EXISTING WIRING.
2. REMOVE AND DISPOSE OF EXISTING 150W METAL HALIDE CEILING MOUNTED FIXTURE, INSTALL NEW TYPE "F" L.E.D. CEILING MOUNT FIXTURE UTILIZING EXISTING WIRING.
3. FIXTURES ARE LOCATED ON LOADING DOCK OVERHANG
4. REMOVE AND DISPOSE OF EXISTING SOFFIT MOUNTED ~70W HIGH PRESSURE SODIUM FIXTURES. INSTALL NEW TYPE "E" L.E.D. CEILING MOUNT FIXTURE UTILIZING EXISTING WIRING.
5. REMOVE AND DISPOSE OF ONE EXISTING HIGH PRESSURE SODIUM WALL MOUNT FIXTURE, REPLACE WITH ONE NEW TYPE "C" L.E.D. FIXTURE UTILIZING EXISTING WIRING.
6. REMOVE AND DISPOSE OF ONE EXISTING WALL MOUNT 100W METAL HALIDE FIXTURE, INSTALL ONE NEW TYPE "C" L.E.D. FIXTURE UTILIZING EXISTING WIRING.
7. REPLACE EXISTING WALL SWITCHES WITH TIMER BASED SWITCHES, SET TIMER FOR 1HR WITH SINGLE BLINK INDICATION AT 5 MINS REMAINING AND DOUBLE BLINK INDICATION AT 1 MIN TIME REMAINING

General Notes:
1) FIELD VERIFY ALL FIXTURE LOCATIONS AND HEIGHTS
2) ACCESS TO SECURE AREAS IS TO BE COORDINATED WITH THE COR

[illegible]

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KEYED NOTES:

- 1) REMOVE AND DISPOSE OF EXISTING 70W HIGH PRESSURE SODIUM WALL MOUNT FIXTURES, INSTALL NEW TYPE "C" L.E.D. WALL MOUNT FIXTURE UTILIZING EXISTING WIRING.
- 2) REMOVE AND DISPOSE OF ONE EXISTING 70W HIGH PRESSURE SODIUM WALL MOUNT FIXTURE, APPROPRIATELY ABANDON EXISTING WIRING SO AS NOT TO AFFECT CIRCUIT FUNCTION
- 3) REMOVE AND DISPOSE OF EXISTING 70W HIGH PRESSURE SODIUM FIXTURES, RETAIN EXISTING WIRING FOR RE-USE.
- 4) INSTALL NEW TYPE "C" L.E.D. WALL MOUNT FIXTURES TO SMOKING STRUCTURE UTILIZING POWER FROM EXISTING FIXTURES INSIDE OF STRUCTURE.

GENERAL NOTES:

- 1) FIELD VERIFY FIXTURE LOCATIONS AND HEIGHTS
- 2) ACCESS TO SECURE AREAS IS TO BE COORDINATED WITH THE COR
- 3) COORDINATE AND VERIFY NEW FIXTURE LOCATIONS WITH THE COR

SCALE: 1/16 " = 1'-0"

Revisions	Date

(Company Logo/Information Block)

Drawing Title

BUILDING 1 PERIMETER AND
SMOKING AREA LIGHTING

Approved: Facility Manager

Project Title

INSTALL EFFICIENT
LIGHTING TECHNOLOGIES

Building Number

1

Checked

CHECKED

Drawn

AWG

Date

02/19/2013

Project No.

528A7-13-717

DRAWING NO.

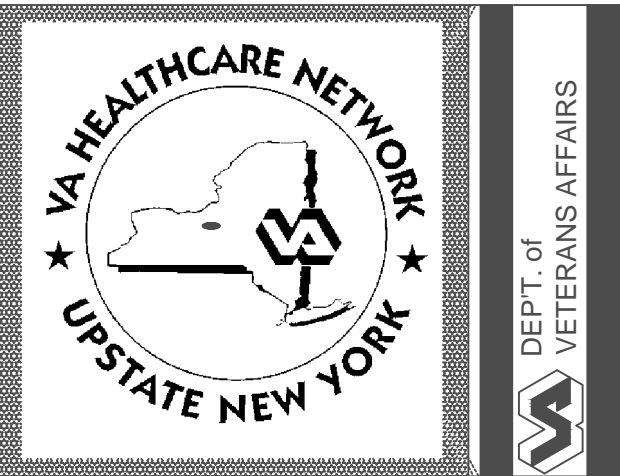
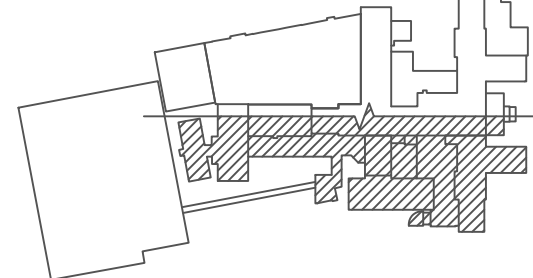
E-102

Dwg. 3 Of 11

Location






VAMC SYRACUSE, NEW YORK

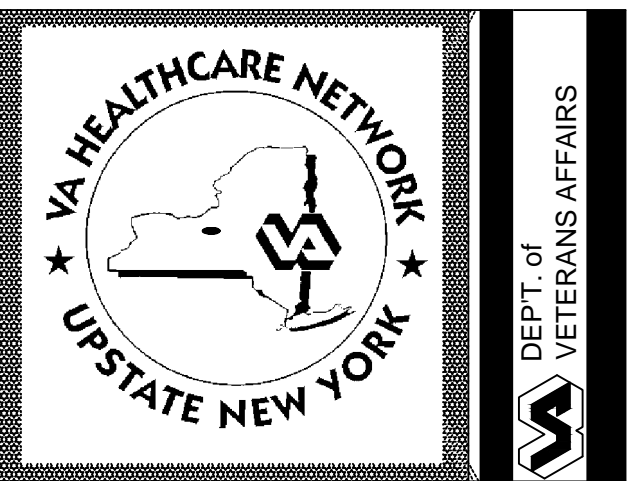
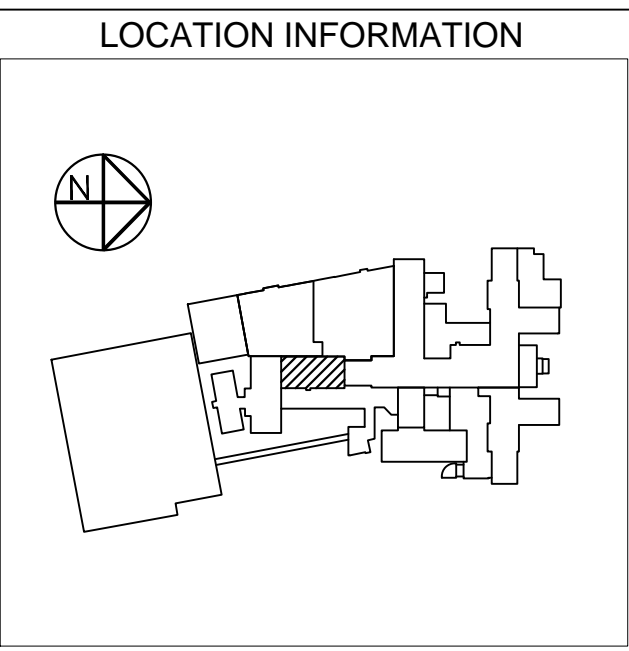
LOCATION INFORMATION





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- Diagram illustrating the Luminaire Mounting - Lay-in Ceiling installation. The diagram shows a cross-section of the ceiling assembly, including the architectural ceiling grid, acoustic ceiling tile, and the luminaire fixture. Key components and labels include:
- LUMINAIRE MANUFACTURER'S EARTHQUAKE CLIP - (A) PER FIXTURE AT CORNERS. ATTACH WITH SHEET METAL SCREW
 - FIXTURE WHIP FROM JUNCTION BOX (6FT. LONG MAX.)
 - LUMINAIRE REFER TO SCHEDULE
 - LUMINAIRE SUSPENSION WIRES (EIO MAX) ATTACHED TO STRUCTURE (TYP EA CORNER)
 - 3 TWIST MINIMUM (TYP)
 - ARCHITECTURAL CEILING GRID
 - ACUSTICAL CEILING TILE (TYP)
- The diagram shows the luminaire fixture being suspended from the ceiling structure using suspension wires, with an earthquake clip securing it to the architectural ceiling grid. The fixture is connected to the junction box via a whip, and the acoustic ceiling tile is shown being laid into the grid.

Legend	
	Existing 400 W Metal Halide Recessed Luminaire
	RECESSED 2'x4' 6 BULB HIGH BAY FLUORESCENT LUMINAIRE
	HVAC DIFFUSER
	SPRINKLER HEAD
	INDICATES LOW VOLTAGE DIMMER CONTROL WIRING TO BE INSTALLED IN NEW CONCEALED CONDUIT



GENERAL NOTES:
1) FIXTURES ARE TO BE AS SPECIFIED FOR THE AUDITORIUM, OR THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING A LIGHTING STUDY TO VERIFY ALTERNATE LUMINAIRE SUFFICIENTLY SATISFIES LIGHTING REQUIREMENTS AND SPECIFICATIONS
2) ACCESS TO BE COORDINATED WITH THE COR

[illegible]

(Company Logo/Information Block)

Drawing Title

AUDITORIUM LIGHTING

Approved: Facility Manager

	Location VAMC SYRACUSE, NEW YORK
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Project Title

INSTALL EFFICIENT LIGHTING TECHNOLOGIES

Building Number

Checked

Location
VAMC SYRACUSE, NEW YORK

Date _____

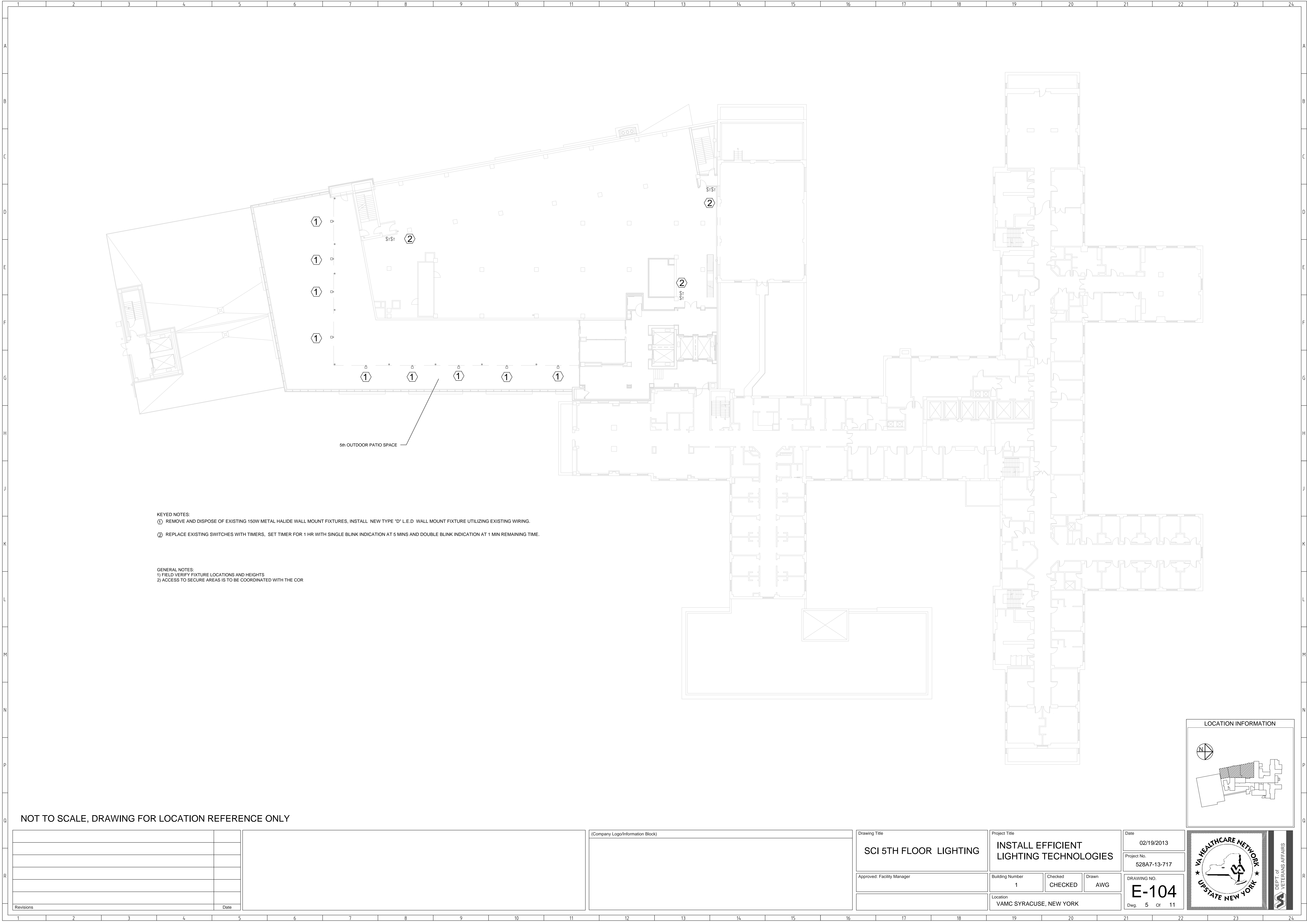
02/19/2013

Project No.
528A7-13-717

DRAWING NO.

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KEYED NOTES:
① REMOVE AND DISPOSE OF EXISTING 150W METAL HALIDE WALL MOUNT FIXTURES, INSTALL NEW TYPE "D" L.E.D. WALL MOUNT FIXTURE UTILIZING EXISTING WIRING.
② REPLACE EXISTING SWITCHES WITH TIMERS. SET TIMER FOR 1 HR WITH SINGLE BLINK INDICATION AT 5 MINS AND DOUBLE BLINK INDICATION AT 1 MIN REMAINING TIME.

GENERAL NOTES:
1) FIELD VERIFY FIXTURE LOCATIONS AND HEIGHTS
2) ACCESS TO SECURE AREAS IS TO BE COORDINATED WITH THE COR

NOT TO SCALE, DRAWING FOR LOCATION REFERENCE ONLY

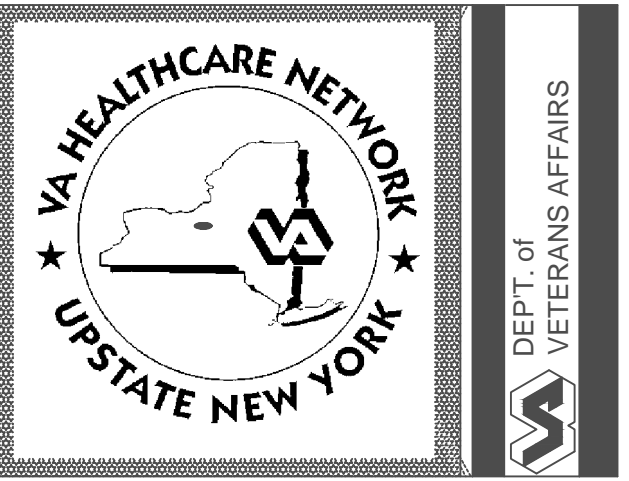
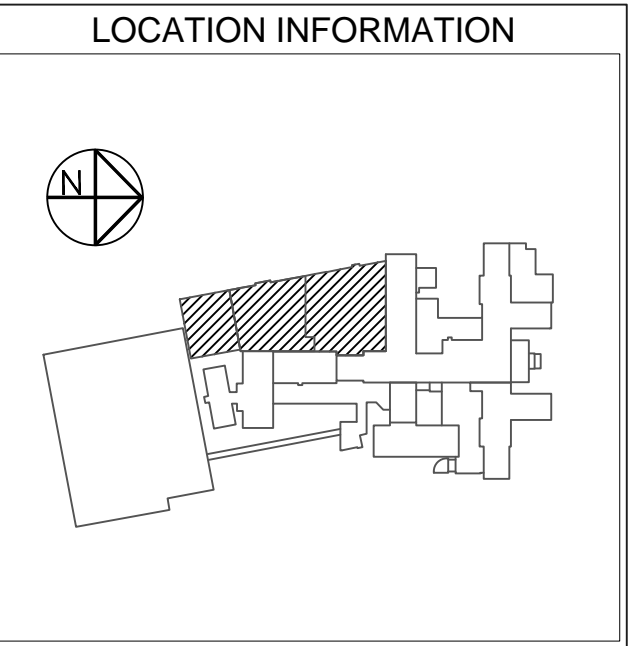
Revisions	Date

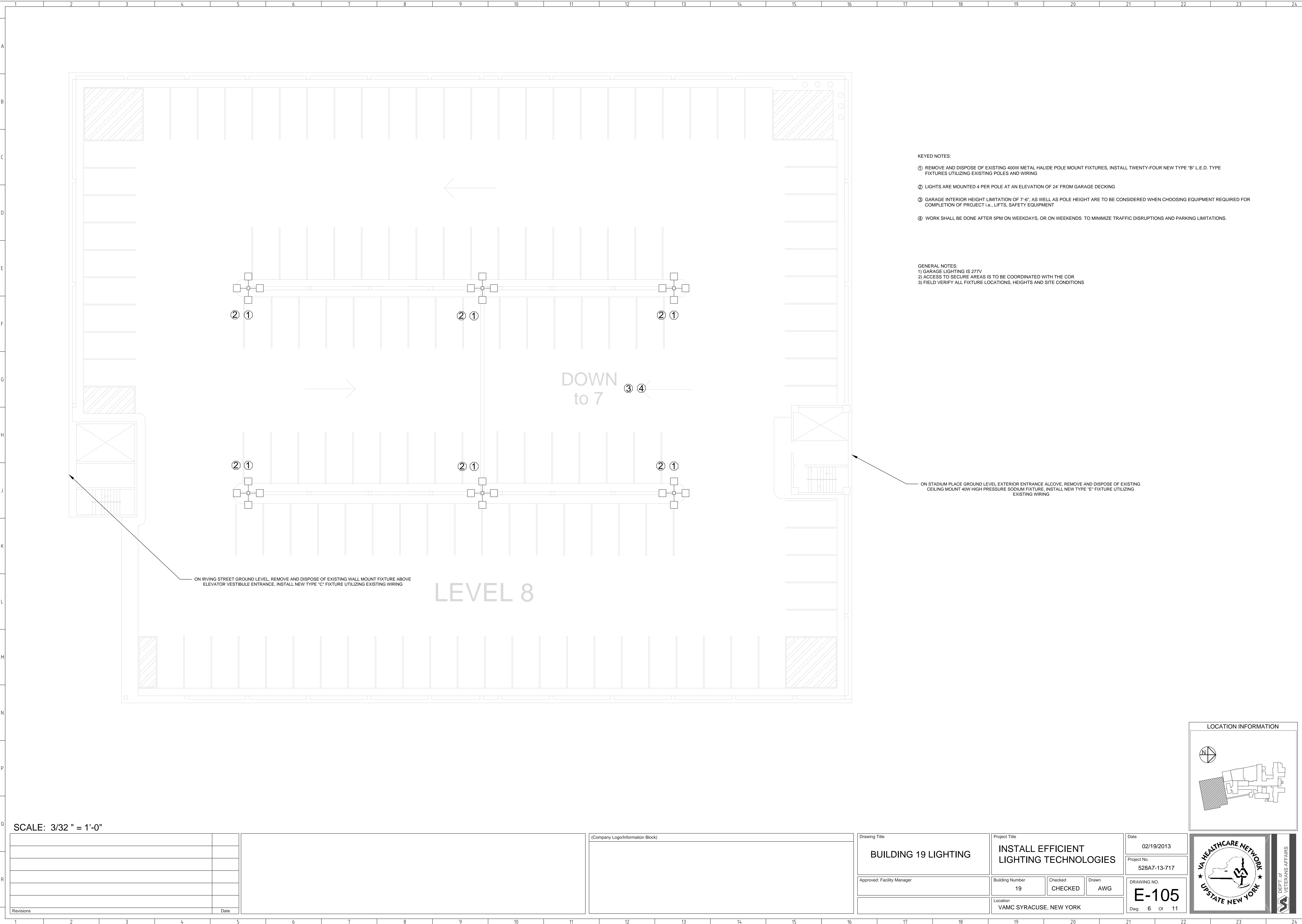
(Company Logo/Information Block)

Drawing Title
SCI 5TH FLOOR LIGHTING
Approved: Facility Manager

Project Title
INSTALL EFFICIENT LIGHTING TECHNOLOGIES
Building Number
1
Location
VAMC SYRACUSE, NEW YORK

Date
02/19/2013
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528A7-13-717
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E-104
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- KEYED NOTES:
- ① REMOVE AND DISPOSE OF EXISTING 400W METAL HALIDE POLE MOUNT FIXTURES, INSTALL TWENTY-FOUR NEW TYPE "B" L.E.D. TYPE FIXTURES UTILIZING EXISTING POLES AND WIRING
 - ② LIGHTS ARE MOUNTED 4 PER POLE AT AN ELEVATION OF 24' FROM GARAGE DECKING
 - ③ GARAGE INTERIOR HEIGHT LIMITATION OF 7'-6", AS WELL AS POLE HEIGHT ARE TO BE CONSIDERED WHEN CHOOSING EQUIPMENT REQUIRED FOR COMPLETION OF PROJECT i.e., LIFTS, SAFETY EQUIPMENT
 - ④ WORK SHALL BE DONE AFTER 5PM ON WEEKDAYS, OR ON WEEKENDS TO MINIMIZE TRAFFIC DISRUPTIONS AND PARKING LIMITATIONS.

- GENERAL NOTES:
- 1) GARAGE LIGHTING IS 277V
 - 2) ACCESS TO SECURE AREAS IS TO BE COORDINATED WITH THE COR
 - 3) FIELD VERIFY ALL FIXTURE LOCATIONS, HEIGHTS AND SITE CONDITIONS

SCALE: 3/32 " = 1'-0"

Revisions	Date

(Company Logo/Information Block)

Drawing Title
BUILDING 19 LIGHTING
Approved: Facility Manager

Project Title
INSTALL EFFICIENT LIGHTING TECHNOLOGIES
Building Number
19
Location
VAMC SYRACUSE, NEW YORK

Date
02/19/2013
Project No.
528A7-13-717
DRAWING NO.
E-105
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LOCATION INFORMATION



STAIRWELL #4 - BASEMENT TO 4TH FLOOR
REMOVE 7 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES, REPLACE WITH 7
TYPE 'A' FIXTURES

STAIRWELL #5 - BASEMENT TO 9TH FLOOR
REMOVE 22 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES, REPLACEWITH
22 TYPE 'A' FIXTURES

GENERAL NOTES:
1) TEMPORARY LIGHTING WILL BE SUPPLIED WHENEVER STAIRWELL LIGHTING IS INTERRUPTED
2) STAIRWELL LIGHTING REPLACEMENT WILL OCCUR AFTER 5PM ON WEEKDAYS, OR ON WEEKENDS.

STAIRWELL #3 - BASMENT TO 9TH FLOOR
REMOVE 22 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES, REPLACEWITH
22 TYPE 'A' FIXTURES

STAIRWELL #1 - BASEMENT TO 10TH FLOOR
REMOVE 22 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES, REPLACEWITH 22
TYPE 'A' FIXTURES

GAS MAIN ENTRANCE STAIRWELL. REMOVE EXISTING 40W HPS
FIXTURE, INSTALL 1 TYPE 'G' FIXTURE. INSTALL NEW SWITCH AT FIRST
FLOOR ENTRANCE TO CONTROL EXISTING ALWAYS ON POWER

STAIRWELL #2 - BASEMENT TO 9TH FLOOR
REMOVE 22 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES, REPLACEWITH
22 TYPE 'A' FIXTURES

STAIRWELL #6 - GROUND TO 4TH FLOOR
REMOVE 9 EXISTING CEILING MOUNT
FLUORESCENT FIXTURES,
REPLACEWITH 9 TYPE 'A' FIXTURES

DRAWING NOT TO SCALE

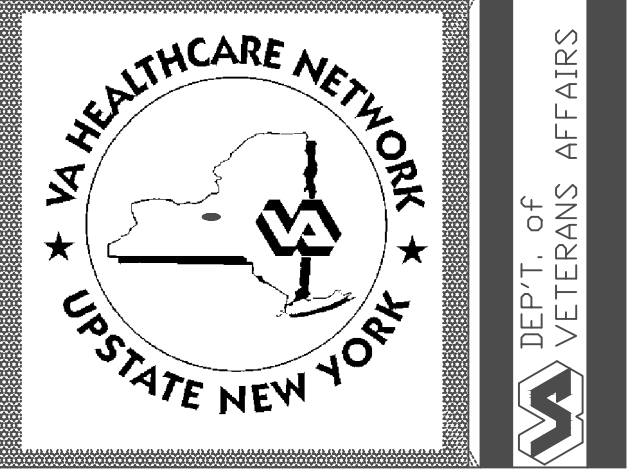
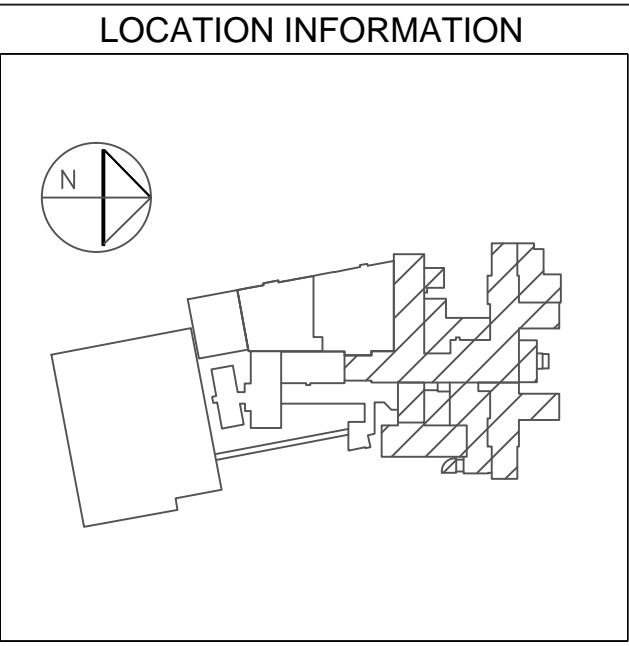
Revisions	Date

(Company Logo/Information Block)

Drawing Title
BUILDING 1 STAIRWELL LOCATIONS
Approved: Facility Manager

Project Title
INSTALL EFFICIENT LIGHTING TECHNOLOGIES
Building Number
1
Location
VAMC SYRACUSE, NEW YORK

Date
02/19/2013
Project No.
528A7-13-717
DRAWING NO.
E-106
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- ① PROVIDE AND INSTALL LIGHTING CONTROL PANEL WITH TIME CLOCK CONTROL, PROVIDE AND INSTALL MANUAL OVERRIDE OUTSIDE OF ELECTRICAL CLOSET, INTERCEPT LIGHTING CIRCUITS 2 AN 3 FROM PANEL LP1-G, ARRANGE CIRCUIT AND TIME CLOCK PROGRAMMING SUCH THAT THE LIGHTING CONTROL PANEL CONTROLS THE ON-TIME OF THE LIGHTING CIRCUIT
- ② (SEE NOTE '1' ON FIRST FLOOR LIGHTING CONTROLS DRAWING E-109)

<div>Revisions</div> <table><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td> </td><td> </td></tr><tr><td>Date</td><td> </td></tr></table>									Date		<div> </div>	<div>(Company Logo/Information Block)</div>	<div>Drawing Title</div> <div>GROUND FLOOR LIGHTING CONTROLS</div>	<div>Project Title</div> <div>INSTALL EFFICIENT LIGHTING TECHNOLOGIES</div>	<div>Date</div> <div>02/19/2013</div>
Date															
<div>Approved: Facility Manager</div>	<div>Building Number</div> <div>SCI</div>	<div>Checked</div> <div>CHECKED</div>	<div>Drawn</div> <div>AWG</div>	<div>Project No.</div> <div>528A7-13-717</div>											
<div>Location</div> <div>VAMC SYRACUSE, NEW YORK</div>	<div>DRAWING NO.</div> <div>E-108</div>														
	<div>Dwg.</div> <div>9</div>	<div>Of</div> <div>11</div>													

LOCATION INFORMATION

VA HEALTHCARE NETWORK

UPSTATE NEW YORK

DEPT. of VETERANS AFFAIRS



- ① PROVIDE POWER TO VA FURNISHED AND INSTALLED WATTSTOPPER LIGHTING CONTROL PANEL. INTERCEPT LIGHTING CIRCUITS 2,3,4 AND 6 FROM PANEL LP2-1 AND CIRCUIT 3 FROM PANEL LP2-G ON THE GROUND LEVEL. ARRANGE CIRCUITS SUCH THAT WATTSTOPPER PANEL CONTROLS ON-TIME OF LIGHTING CIRCUITS. CONNECT PANEL TO EXISTING WATTSTOPPER ON GROUND LEVEL (SEE NOTE 3). PROVIDE PROGRAMMING TO INTERFACE NEW PANEL WITH EXISTING SYSTEM.
- ② UTILIZE ELECTRICAL CLOSET TO FACILITATE RUNNING OF LIGHTING CONTROL NETWORK WIRING TO EXSISTING WATTSTOPPER PANEL LOCATED IN ELECTRICAL CLOSET ON FLOOR IMMEDIATELY BELOW.
- ③ PROVIDE AND INSTALL LIGHTING CONTROL PANEL WITH TIME CLOCK CONTROL. PROVIDE AND INSTALL MANUAL OVERRIDE OUTSIDE OF ELECTRICAL CLOSET. INTERCEPT LIGHTING CIRCUIT 3 FROM PANEL LP1-1. ARRANGE CIRCUIT AND TIME CLOCK PROGRAMMING SUCH THAT THE LIGHTING CONTROL PANEL CONTROLS THE ON-TIME OF THE LIGHTING CIRCUIT

Revisions	Date

(Company Logo/Information Block)

Drawing Title

FIRST FLOOR
LIGHTING CONTROLS

Approved: Facility Manager

Project Title

INSTALL EFFICIENT
LIGHTING TECHNOLOGIES

Building Number

SCI

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AWG

Location

VAMC SYRACUSE, NEW YORK

Date

02/19/2013

Project No.

528A7-13-717

DRAWING NO.

E-109

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LOCATION INFORMATION

